



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION I
5 POST OFFICE SQUARE, SUITE 100
BOSTON, MA 02109-3912

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

DEC 07 2012

Ms. Sally M. Keating, PE
Manager-Environment, Health & Safety
The Metropolitan District
555 Main Street
PO Box 800
Hartford, Connecticut 06142-0800

Re: PCB Cleanup and Disposal Approval under 40 CFR §§ 761.61(a) and (c),
and 761.79(h)
Hartford Water Pollution Control Facility
Phase II Biological Nutrient Removal Improvements Project
Hartford, Connecticut

Dear Ms Keating:

This is in response to The Metropolitan District (MDC) Notification¹ for approval to clean up and dispose of PCB-contaminated building materials located in the Hartford Water Pollution Control Facility (HWPCF) located at 240 Brainard Road in Hartford, Connecticut. This Approval addresses the Compressor Building (except the southern wall), stair towers 3, 4, and 5, and the pipe gallery (all together, "the Site"). The Site contains PCB caulk and paint that exceeds the allowable PCB levels under the federal PCB regulations at 40 CFR § 761.20(a) and § 761.62.

In its Notification, MDC has proposed the following PCB cleanup and disposal plan:

- Remove and dispose of *PCB bulk product waste* (i.e., caulk, backer material, if present, and painted *non-porous surfaces*) in a TSCA-approved or RCRA hazardous waste landfill
- Remove *porous surfaces* (i.e., brick) to a distance of 8 inches from the PCB caulk joint, and dispose of as a *PCB remediation waste* in a TSCA-approved or RCRA hazardous waste landfill

¹ The notification was prepared by TRC on behalf of the Metropolitan District to satisfy the notification requirement under 40 CFR § 761.61(a)(3). Information was submitted dated August 2012 (Self-Implementing On-Site Cleanup and Disposal Plan (SIDP)); September 17, 2012(response to comments); October 25, 2012 (email response to questions); and November 25, 2012 (Revised Table 1 and Figures). These submittals shall be referred to as the "Notification".

- Conduct verification sampling (i.e., brick and glazed CMU sampling) to document that the less than or equal to (\leq) 1 part per million (ppm) PCB cleanup standard has been met.

As discussed with EPA, MDC is aware of the October 24, 2012 PCB Bulk Product Waste Reinterpretation. However, for this project, MDC has made the determination that the *porous surfaces* will remain classified as *PCB remediation waste* for the purpose of disposal.

MDC has determined that certain paints which have PCB concentrations at less than ($<$) 50 ppm, meet the criteria for an *Excluded PCB Product* under § 761.3. Under the PCB regulations, *Excluded PCB Products* are authorized for use and thus there is no requirement for removal of the paint or decontamination of surfaces that are in contact with the < 50 ppm paint. While these paints and associated building materials are not addressed in the Approval, MDC is proposing to remove the painted building materials containing > 1 ppm PCBs.

With the exception of the verification sampling frequency specified under § 761.61(a)(6), the proposed plan meets the requirements under 40 CFR §§ 761.61, 761.62, and 761.79(h) for decontamination, removal and disposal of *PCB remediation wastes* and *PCB bulk product wastes*. Given the sampling conducted to-date, and the proposed remedial action, EPA has determined that the proposed verification sampling is reasonable for confirmation that the PCB cleanup standard of ≤ 1 ppm is met. EPA finds that this alternative sampling will not create an unreasonable risk to public health or the environment and EPA may approve the alternative sampling under § 761.61(c).

MDC may proceed with its cleanup in accordance with 40 CFR §§ 761.61(a) and (c); § 761.62; § 761.79(h); its Notification; and this Approval, subject to the conditions of Attachment 1.

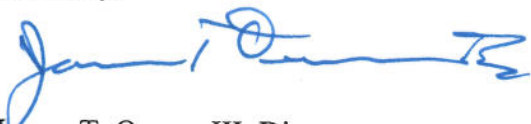
Based on the information submitted, EPA is aware that there is PCB contamination located in portions of the property that is not addressed by this Approval (e.g., Compressor Building south wall). Based on the information provided in the Notification, further investigation will be conducted to define nature and extent of the PCB contamination at the property.

Information required under this Approval shall be submitted to:

Kimberly N. Tisa, PCB Coordinator (OSRR07-2)
United States Environmental Protection Agency
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3912
Telephone: (617) 918-1527
Facsimile: (617) 918-0527

EPA shall not consider this project complete until it has received all submittals required under this Approval. Please be aware that upon EPA receipt and review of the submittals, EPA may request any additional information necessary to establish that the work has been completed in accordance with 40 CFR Part 761, the Notification, and this Approval.

Sincerely,



James T. Owens III, Director
Office of Site Remediation & Restoration

cc: Erik Plimpton, TRC
Gary Trombly, CTDEEP
File

Attachment 1- Approval Conditions

ATTACHMENT 1

**PCB CLEANUP AND DISPOSAL APPROVAL CONDITIONS
HARTFORD WATER POLLUTION CONTROL FACILITY-
COMRESSOR BUILDING; STAIR TOWERS 3, 4, AND 5; AND THE PIPE
GALLERY (all together, "the Site")
240 BRAINARD STREET, HARTFORD, CONNECTICUT**

GENERAL CONDITIONS

1. This Approval is granted under the authority of Section 6(e) of the Toxic Substances Control Act (TSCA), 15 U.S.C. § 2605(e), and the PCB regulations at 40 CFR Part 761, and applies solely to the *PCB bulk product waste* and the *PCB remediation waste* located at the Site and identified in the Notification.
2. The Metropolitan District (MDC) shall conduct on-site activities in accordance with the conditions of this Approval and with the Notification.
3. In the event that the cleanup plan described in the Notification differs from the conditions specified in this Approval, the conditions of this Approval shall govern.
4. The terms and abbreviations used herein shall have the meanings as defined in 40 CFR § 761.3 unless otherwise defined within this Approval.
5. MDC must comply with all applicable federal, state and local regulations in the storage, handling, and disposal of all PCB wastes, including PCBs, PCB Items and decontamination wastes generated under this Approval. In the event of a new spill during response actions, MDC shall contact EPA within 24 hours for direction on PCB cleanup and sampling requirements.
6. MDC is responsible for the actions of all officers, employees, agents, contractors, subcontractors, and others who are involved in activities conducted under this Approval. If at any time MDC has or receives information indicating that MDC or any other person has failed, or may have failed, to comply with any provision of this Approval, it must report the information to EPA in writing within 24 hours of having or receiving the information.
7. This Approval does not constitute a determination by EPA that the transporters or disposal facilities selected by MDC are authorized to conduct the activities set forth in the Notification. MDC is responsible for ensuring that its selected transporters and disposal facilities are authorized to conduct these activities in accordance with all applicable federal, state and local statutes and regulations.

8. This Approval does not: 1) waive or compromise EPA's enforcement and regulatory authority; 2) release MDC from compliance with any applicable requirements of federal, state or local law; or 3) release MDC from liability for, or otherwise resolve, any violations of federal, state or local law.

NOTIFICATION AND CERTIFICATION CONDITIONS

9. This Approval may be revoked if the EPA does not receive written notification from MDC of its acceptance of the conditions of this Approval within 10 business days of receipt.
10. MDC shall submit the following information for EPA review and/or approval:
 - a. a certification signed by its selected contractor, stating that the contractor(s) has read and understands the Notification, and agrees to abide by the conditions specified in this Approval;
 - b. a contractor work plan, including appropriate figures, prepared and submitted by the selected demolition or abatement contractor(s) describing the containment and air monitoring that will be employed during abatement activities. This work plan should also include information on how and where wastes will be stored and disposed of, and on how field equipment will be decontaminated; and,
 - c. a certification signed by the selected analytical laboratory, stating that the laboratory has read and understands the extraction and analytical methods and quality assurance requirements specified in the Notification and in this Approval.

REMEDIAL and DISPOSAL CONDITIONS

11. To the maximum extent practical, engineering controls, such as barriers, and removal techniques, such as the use of HEPA ventilated tools, shall be utilized during removal processes. In addition, to the maximum extent possible, disposable equipment and materials, including PPE, will be used to reduce the amount of decontamination necessary.
12. PCB-contaminated materials shall be decontaminated and confirmatory sampling and analysis shall be conducted as described below:
 - a. All visible residues of *PCB bulk product waste* (i.e., PCB caulk and paint, if required to facilitate piping or beam removal) shall be removed as described in the Notification.

- b. Sampling for *porous surfaces* shall be performed on a bulk basis (i.e., mg/kg) and reported on a dry weight analysis. Sampling for *porous surfaces* shall be conducted in accordance with the EPA Region 1 *Standard Operating Procedure for Sampling Porous Surfaces for Polychlorinated Biphenyls (PCBs) Revision 4, May 5, 2011*, at a maximum depth interval of 0.5 inches.
 - i) Verification sampling for *porous surfaces* in contact with PCB caulk shall be conducted at a minimum sampling frequency of 1 sample per 50 linear feet (lf).
 - ii) Chemical extraction for PCBs shall be conducted using Methods 3500B/3540C of SW-846 for solid matrices and Method 3500B/3510C of SW-846 for aqueous matrices; and, chemical analysis for PCBs shall be conducted using Method 8082 of SW-846, unless another extraction or analytical method(s) is validated according to Subpart Q.
 - c. The decontamination requirement for building *non-porous surfaces* (i.e. metal pipes or beams) covered with PCB paint that requires removal prior to cutting for disposal, shall be the NACE 2 standard as specified under § 761.79(b).
13. All PCB waste (regardless of concentration) generated as a result of the activities described in the Notification, excluding any decontaminated materials, shall be marked in accordance with § 761.40; stored in a manner prescribed in § 761.65; and, disposed of in accordance with 40 CFR § 761.61(a)(5) or § 761.62, unless otherwise specified below:
- a. Decontamination wastes and residues shall be disposed of in accordance with 40 CFR § 761.79(g).
 - b. Moveable equipment, tools, and sampling equipment shall be decontaminated in accordance with either 40 CFR § 761.79(b)(3)(i)(A), § 761.79(b)(3)(ii)(A), or § 761.79(c)(2).
 - c. PCB-contaminated water generated during decontamination shall be decontaminated in accordance with 40 CFR § 761.79(b)(1) or disposed of under § 761.60.

INSPECTION, MODIFICATION AND REVOCATION CONDITIONS

14. MDC shall allow any authorized representative of the Administrator of the EPA to inspect the Site and to inspect records and take samples as may be necessary to determine compliance with the PCB regulations and this Approval. Any refusal by MDC to allow such an inspection (as authorized by Section 11 of TSCA) shall be grounds for revocation of this Approval.

15. Any proposed modification(s) in the plan, specifications, or information in the Notification must be submitted to EPA no less than 14 calendar days prior to the proposed implementation of the change. Such proposed modifications will be subject to the procedures of 40 CFR § 761.61(a)(3)(ii).
16. Any departure from the conditions of this Approval without prior, written authorization from the EPA may result in the revocation, suspension and/or modification of the Approval, in addition to any other legal or equitable relief or remedy the EPA may choose to pursue.
17. Any misrepresentation or omission of any material fact in the Notification or in any records or reports may result in the EPA's revocation, suspension and/or modification of the Approval, in addition to any other legal or equitable relief or remedy the EPA may choose to pursue.

RECORDKEEPING AND REPORTING CONDITIONS

18. MDC shall prepare and maintain all records and documents required by 40 CFR Part 761, including but not limited to the records required under Subparts J and K. A written record of the decontamination and the analytical sampling shall be established and maintained by MDC in one centralized location, until such time as EPA approves in writing a request for an alternative disposition of such records. All records shall be made available for inspection to authorized representatives of EPA.
19. MDC shall submit a final report in both electronic and hard copy to the EPA within 60 days of completion of the activities authorized under this Approval. At a minimum, this final report shall include: a short narrative of the project activities with photo documentation; characterization and confirmation sampling analytical results; copies of the accompanying analytical chains of custody; field and laboratory quality control/quality assurance checks; an estimate of the quantity of PCB waste disposed of; copies of manifests; and, copies of certificates of disposal or similar certifications issued by the disposer.
20. Required submittals shall be mailed to:

Kimberly N. Tisa, PCB Coordinator (OSRR07-2)
United States Environmental Protection Agency
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3912
Telephone: (617) 918-1527
Facsimile: (617) 918-0527

21. No record, report or communication required under this Approval shall qualify as a self-audit or voluntary disclosure under EPA audit, self-disclosure or penalty policies.

END OF ATTACHMENT 1